

Hospitalizations for Work-related Injuries

Massachusetts 1997

Nature of Injury by Body Region

				Gender		Gender	
				Female	Male	Female	Male
Nature of Injury	Body Region	Number of Injuries	Injuries per 100,000 FTEs	Number of Injuries	Number of Injuries	Injuries per 100,000 FTEs	Injuries per 100,000 FTEs
ALL INJURIES		1448	49.08	246	1202	19.37	71.55
FRACTURES		683	23.15	140	543	11.02	32.32
	Head & Neck	48	1.63	(a)	45	(a)	2.68
	Torso	86	2.92	12	74	0.94	4.40
	Extremities	549	18.61	125	424	9.84	25.24
DISLOCATION		39	1.32	12	27	0.94	1.61
	Torso	8	0.27	(a)	5	(a)	0.30
	Extremities	31	1.05	9	22	0.71	1.31
SPRAINS & STRAINS		230	7.80	51	179	4.02	10.65
	Torso	21	0.71	9	12	0.71	0.71
	Extremities	206	6.98	41	165	3.23	9.82
INTERNAL ORGAN		102	3.46	10	92	0.79	5.48
	Head & Neck	51	1.73	7	44	0.55	2.62
	Torso	51	1.73	(a)	48	(a)	2.86
OPEN WOUNDS		120	4.07	11	109	0.87	6.49
	Head & Neck	35	1.19	(a)	33	(a)	1.96
	Torso	(a)	(a)	(a)	(a)	(a)	(a)
	Extremities	81	2.75	8	73	0.63	4.35
AMPUTATIONS		60	2.03	5	55	0.39	3.27
	Extremities	60	2.03	5	55	0.39	3.27
SUPERFICIAL/CONTUSIONS		23	0.78	(a)	21	(a)	1.25
	Head & Neck	(a)	(a)	(a)	(a)	(a)	(a)
	Torso	9	0.31	(a)	7	(a)	0.42
	Extremities	9	0.31	(a)	9	(a)	0.54
CRUSHING		28	0.95	(a)	26	(a)	1.55
	Torso	(a)	(a)	(a)	(a)	(a)	(a)
	Extremities	27	0.92	(a)	25	(a)	1.49
BURNS		83	2.81	7	76	0.55	4.52
	Head & Neck	17	0.58	(a)	17	(a)	1.01
	Torso	6	0.20	(a)	5	(a)	0.30
	Extremities	57	1.93	6	51	0.47	3.04
OTHER & UNSPECIFIED (b)		80	2.71	6	74	0.47	4.40
	Head & Neck	4	0.14	(a)	4	(a)	(a)
	Torso	7	0.24	(a)	6	(a)	0.36
	Extremities	16	0.54	(a)	15	(a)	0.89

Source: Hospital Discharge Data, for 1 January 1997 through 31 December 1997, Massachusetts Department of Health Care Finance and Policy

(a) Counts not shown and rates not calculated for cells with less than four cases. Rates based on counts less than 20 may be unstable

(b) Other and unspecified includes blood vessel injuries, nerve injuries, systemwide and late effects and nature of injury unspecified or missing.

A hospitalization for an injury is defined as a any case having an ICD-9-CM Nature of Injury Code of 800-999 in the primary diagnosis field.

Attribution of work-relatedness based on designation of Workers' Compensation Insurance as expected payer.

Injuries per 100,000 FTE calculated as number of injuries / FTEs*100,000. FTEs= total hours per year/2000.

Total hours worked for Massachusetts residents obtained from Current Population Survey(CPS), US Census Bureau, for January 1997 through December 1997

Nature of Injury and Body Region groupings are based on Barell Injury Matrix, Barell, et al, Inj Prev. 2002 Jun;8(2):91-6.